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ABSTRACT

This publication contains statewide standards for the radiologic technology program in Georgia. The standards are divided into 12 categories; Foundations (philosophy, purpose, goals, program objectives, availability, evaluation); Admissions (admission requirements, provisional admission requirements, recruitment, evaluation and planning); Program Structure (curriculum design, program numbering system, program consistency, exit points, credentials, course code, course consistency, course sequence, electives, course transferability); Program Evaluation and Planning (program evaluation, program planning, enrollment, graduation, and placement levels, attrition levels, student performance); Instructional Program (course content, course objectives, course instruction, occupation-based instruction, evaluation of students, grading system, laboratory management, equipment, supplies, and materials; physical facility); Academic Skills (academic requirements); Employability Skills (job acquisition, job retention and advancement); Staff (faculty qualifications and responsibilities); Advisory Committee (function, membership, meetings); Special Needs (commitment); Equity (commitment); and Health and Safety (commitment). Each standard consists of these components: standard statement, explanatory comment, and evaluative criteria. (YLB)

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RADIOLOGIC TECHNOLOGY PROGRAM STANDARDS

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Georgia Board of
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Office of Planning and Development
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RADIOLOGIC TECHNOLOGY PROGRAM STANDARDS

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ACKNOWLEDGEMENTS

The development of Radiologic Technology program standards is a significant step for technical education and economic development in Georgia. These standards represent a statewide commitment to provide consistent, quality technical education, to equip our graduates with the background and skills necessary to meet their individual occupational needs, and to meet the currently expanding needs of the Georgia employment market.

Many people have contributed time, effort, and expertise to the standards development project. The Georgia Board of Technical and Adult Education, the Board's Standards Committee, the standards development committee, and the project staff have worked diligently to make the establishment of these standards a reality. Robert Mabry and John Lloyd of the Georgia Department of Technical and Adult Education have provided initiative and direction for the project. Russell Meade contributed significantly to the initial effort to develop standards for all programs. Patt Stonehouse, Director of Instructional Services, has provided invaluable assistance in planning and monitoring the project.

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We extend sincere thanks to each member of the Board's Standards Committee below.

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Without the close cooperation of the radiologic technology profession in Georgia, this program standard would not have been possible. We recognize and thank each member of the Radiologic Technology program State Technical Committee for their invaluable contribution to the development of the program standards.

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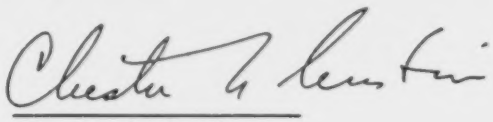

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RADIOLOGIC TECHNOLOGY PROGRAM STANDARDS

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HOW TO USE THIS MANUAL

Tab Dividers

This document is divided into sections, each section being divided from the others by means of a section-identifier tab. Each section contains standard(s) pertaining to a particular category of standards.

Table of Contents

The Table of Contents lists the tabbed categories of standards plus the title and identifier number for each standard within each tabbed section.

Numbering System

Each standard has a unique six-digit identifier number. The number is divided into three sets of two-digit couplets, each set being divided by a dash.

Example: 03-04-05...
03 indicates standard document # 3 (i.e., The Electronic Engineering Standards document).
04 indicates section # 4 in the document (i.e., The Program Evaluation and Planning standards section).
05 indicates standard # 5 within section four (i.e., The Student Performance standard within the Program Evaluation and Planning standards section).

Finding a Standard

Standard identifier numbers appear in the upper right-hand corner of each page. To find a given standard, refer to the Table of Contents to find the identifier number of the standard of interest, select the appropriate section tab, and find the desired standard within the selected tab section.

Amendments

Registered manual holders are instructed to keep their manuals updated as amendments are disseminated.

Document Transmittal

All new or revised documents are sent to the registered holder of the manual and are recorded on a Manuals Document Transmittal Form. Transmittals are numbered consecutively, and instructions for use are printed on the form.

Amendment Record

The registered holder of the manual records the receipt of all Manual Document Transmittals on the Amendment Record. This record and instructions are found on the reverse side of the manual title page.

RADIOLOGIC TECHNOLOGY

FOUNDATIONS
(Philosophy)

Standard Statement

A philosophy statement is developed expressing the beliefs and values that govern the content and conduct of the Radiologic Technology program.

Explanatory Comment

A statewide program philosophy statement is developed and provided for the Radiologic Technology program. The statewide philosophy statement may be augmented at the local level so that the unique circumstances of the community may be accommodated.

The Radiologic Technology program philosophy statement expresses the fundamental educational and occupational principles that guide the instructional process.

Evaluative Criteria

The Radiologic Technology program has a clearly defined, written philosophy statement that is reviewed by the program faculty, the administration, and the program advisory committee.

Any addition to the Radiologic Technology program philosophy statement is developed by the program faculty, the administration, and the program advisory committee.

The philosophy of the Radiologic Technology program is in accordance with the philosophy of the Georgia Board of Technical and Adult Education and reflects the beliefs, values, and attitudes of the institution, the instructional field, the community, and the employment market.

The philosophy of the Radiologic Technology program determines the unique role of the program in meeting the technical educational needs of the students, the community, and the employment market.

The philosophy of the Radiologic Technology program reflects a desire to achieve educational excellence.

RADIOLOGIC TECHNOLOGY

The philosophy of the Radiologic Technology program reflects a commitment to meet the needs of business and industry.

The philosophy of the Radiologic Technology program includes a nondiscrimination statement pertaining to race, color, national origin, religion, sex, age, handicapping condition, academic disadvantage, and economic disadvantage.

The philosophy statement of the Radiologic Technology program is approved by the administration of the institution.

RADIOLOGIC TECHNOLOGY

PHILOSOPHY

The basic beliefs, attitudes, and concepts that are the foundation of the Radiologic Technology program are expressed in the following statements.

Radiologic Technology is a program of study which is compatible with the policies of the Georgia Board of Technical and Adult Education and encourages each Radiologic Technology program student to benefit and contribute as a partner in the economic development and stability of Georgia. The philosophy of the Radiologic Technology program is founded on the value attributed to individual students, the radiography profession, and technical education.

The Radiologic Technology program of study is consistent with the philosophy and purpose of the institution. The program provides academic foundations in communications, mathematics, and human relations, as well as technical fundamentals. Program graduates are trained in the underlying fundamentals of radiologic technology and are well prepared for employment and subsequent upward mobility.

The Radiologic Technology program is a technical program that provides the knowledge and skills to qualify participants as radiographers. This profession is presently experiencing technical growth and the employment market is experiencing shortages of trained radiographers. Upon completion of the Radiologic Technology program, students are eligible to sit for a national certification examination thus enabling them to achieve professional employment in the field.

The program structure acknowledges individual differences and provides opportunities for students to seek fulfillment of their respective educational goals. The program does not discriminate on the basis of race, color, national origin, religion, sex, age, handicapping condition, academic disadvantage, or economic disadvantage.

To assist each student to attain his or her respective potential within the program, both the instructor and the student incur an obligation in the learning process. The instructor is a manager of instructional resources and organizes instruction in a manner which promotes learning. The student assumes responsibility for learning by actively participating in the learning process.

RADIOLOGIC TECHNOLOGY

Important attributes for success of program graduates are analytical thinking, problem solving, and the ability to apply technology to the work requirement. Radiography is a dynamic profession; therefore, careful attention to current curriculum and up-to-date instructional equipment is required. The program promotes the concept of change as the technology evolves and the spirit of involvement in lifelong professional learning.

RADIOLOGIC TECHNOLOGY

FOUNDATIONS
(Purpose)

Standard Statement

A purpose statement delineating the instructional services which the Radiologic Technology program provides is developed and implemented.

Explanatory Comment

A statewide purpose statement is developed and provided for the Radiologic Technology program. The statewide purpose statement may be augmented at the local level so that the unique circumstances of the community may be accommodated.

A major purpose of the Radiologic Technology program is to meet community and employment market needs for education in radiologic technology.

Evaluative Criteria

The Radiologic Technology program has a clearly defined, written purpose statement that is reviewed by the program faculty, the administration, and the program advisory committee.

Any addition to the Radiologic Technology program purpose statement is developed by the program faculty, the administration, and the program advisory committee.

The purpose of the Radiologic Technology program is in accordance with the purpose of the Georgia Board of Technical and Adult Education and the institution.

The purpose of the Radiologic Technology program reflects the values and beliefs expressed in the program philosophy.

The purpose of the Radiologic Technology program includes a nondiscrimination statement pertaining to race, color, national origin, religion, sex, age, handicapping condition, academic disadvantage, and economic disadvantage.

The purpose statement of the Radiologic Technology program is approved by the administration of the institution.

RADIOLOGIC TECHNOLOGY

PURPOSE

The purpose of the Radiologic Technology program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed as radiographers.

The Radiologic Technology program provides educational opportunities regardless of race, color, national origin, religion, sex, age, handicapping condition, academic disadvantage, or economic disadvantage.

The Radiologic Technology program graduates are eligible to sit for a national certification examination for radiographers and are prepared to function as professionals in the radiologic field. Program graduates are to be competent in the general areas of communications, algebra, interpersonal relations, and anatomy and physiology. Program graduates are competent to perform imaging examinations and accompanying responsibilities assigned to a radiographer at the direction of physicians qualified to request and/or perform radiologic procedures. Upon completion of the program, the graduate is competent to perform as a radiographer and to:

1. Apply knowledge of anatomy, physiology, positioning, and radiographic techniques to accurately demonstrate anatomical structures on a radiograph or other imaging receptor.

2. Determine exposure factors to achieve optimum radiographic techniques with minimum radiation exposure to the patient.

3. Evaluate radiographic images for appropriate positioning and image quality.

4. Apply the principles of radiation protection for the patient, self, and others.

5. Provide patient care and comfort.

6. Recognize emergency patient conditions and initiate life-saving first aid and basic life-support procedures.

7. Evaluate the performance of radiologic systems, know the safe limits of equipment operation, and report malfunctions to the proper authority.

RADIOLOGIC TECHNOLOGY

8. Exercise independent judgment and discretion in the technical performance of medical imaging procedures.

9. Participate in radiologic quality assurance programs.

RADIOLOGIC TECHNOLOGY

FOUNDATIONS
(Goals)

Standard Statement

A program goals statement focuses the efforts of the Radiologic Technology program.

Explanatory Comment

A statewide goals statement is developed and provided for the Radiologic Technology program. The statewide program goals statement may be augmented at the local level so that the unique circumstances of the community may be accommodated.

Goals are broad statements of intent that delineate the achievements the Radiologic Technology program seeks to attain. Goals are stated in non-quantifiable terms.

Evaluative Criteria

The Radiologic Technology program has a clearly defined, written goals statement that is reviewed by the program faculty, the administration, and the program advisory committee.

Any addition to the Radiologic Technology program goals statement is developed by the program faculty, the administration, and the program advisory committee.

The goals of the Radiologic Technology program are in accordance with the philosophy and purpose of the program.

The goals of the Radiologic Technology program reflect a desire to provide exemplary occupational/technical education.

The goals of the Radiologic Technology program are the basis for the development of program objectives.

The goals of the Radiologic Technology program include a nondiscrimination statement pertaining to race, color, national origin, religion, sex, age, handicapping condition, academic disadvantage, and economic disadvantage.

The goals statement of the Radiologic Technology program is approved by the administration of the institution.

RADIOLOGIC TECHNOLOGY

GOALS
(Process)

The goals of the Radiologic Technology program are to:

1. Provide education which acknowledges individual differences and respects the right of individuals to seek fulfillment of educational needs.

2. Provide an environment which encourages the individual to benefit and contribute as a partner in the economic progress, development, and stability of Georgia.

3. Provide education which develops the potential of each student to become a productive, responsible, and upwardly mobile member of society.

4. Provide quality radiologic technology education in an atmosphere that fosters interest in and enthusiasm for learning.

5. Prepare graduates to function as accountable and responsible members within their field of endeavor.

6. Prepare graduates to function as safe and competent practitioners in radiography.

7. Prepare program graduates with the highest level of competence possible given the constraints of the interests and ability levels of the individual.

8. Provide educational and related services without regard to race, color, national origin, religion, sex, age, handicapping condition, academic disadvantage, or economic disadvantage.

9. Foster employer participation, understanding, and confidence in the instructional process and the competence of Radiologic Technology program graduates.

10. Provide guidance to Radiologic Technology program students to assist them in pursuing educational opportunities that maximize their professional potential.

11. Encourage program graduates to recognize and to act upon individual needs for continuing education as a function of growth and maintenance of professional competence.

RADIOLOGIC TECHNOLOGY

FOUNDATIONS
(Program Objectives)

Standard Statement

An objectives statement based on established program goals is developed for the Radiologic Technology program.

Explanatory Comment

A statewide objectives statement is developed and provided for the Radiologic Technology program. The statewide program objectives statement may be augmented at the local level so that the unique circumstances of the community may be accommodated.

Program objectives are desired program outcomes stated in measurable, temporal, and operational terms.

Evaluative Criteria

The Radiologic Technology program has a clearly defined, written objectives statement that is reviewed by the program faculty, the administration, and the program advisory committee.

Any addition to the Radiologic Technology program objectives statement is developed by the program faculty, administration, and the program advisory committee.

The objectives of the Radiologic Technology program stress learning outcomes, efficiency, enrollment, public relations, and other outcomes that impact on program quality.

A major objective of the Radiologic Technology program is student achievement of identified exit point competencies.

The objectives of the Radiologic Technology program include a nondiscrimination statement pertaining to race, color, national origin, religion, sex, age, handicapping condition, academic disadvantage, and economic disadvantage.

The objectives statement of the Radiologic Technology program is approved by the administration of the institution.

RADIOLOGIC TECHNOLOGY

OBJECTIVES
(Process)

The objectives of the Radiologic Technology program are to:

1. Provide current curriculum, instructional materials, and equipment (in accordance with available funding) which teach knowledge, skills, and attitudes appropriate to industry needs.

2. Provide educational facilities which foster learning and provide safe, healthy environments available and accessible to all students who can benefit from the program.

3. Provide academic instruction which supports effective learning within the program and which enhances professional performance on the job.

4. Provide employability skills which foster work attitudes and work habits that will enable graduates of the program to perform as good employees.

5. Nurture the desire for learning so that graduates will pursue their own continuing education as a lifelong endeavor.

6. Provide an educational atmosphere which promotes a positive self-image and a sense of personal well-being.

7. Provide education that fosters development of good safety habits.

8. Provide admission, educational, and placement services without regard to race, color, national origin, religion, sex, age, or handicapping condition.

9. Provide information to the public regarding the program that will facilitate recruitment and enrollment of students.

10. Promote good public relations via contacts and regular communications with business, industry, and the public sector.

11. Promote faculty and student rapport and communications to enhance student success in the program.

RADIOLOGIC TECHNOLOGY

FOUNDATIONS
(Availability)

Standard Statement

Written philosophy, purpose, goals, and objectives statements for the Radiologic Technology program are made available to the staff of the institution and the general public.

Explanatory Comment

Published Radiologic Technology program philosophy and purpose statements are important recruitment tools that help students to select programs that meet their needs.

Evaluative Criteria

The philosophy and purpose statements of the Radiologic Technology program are published and made available to the staff of the institution and the general public.

Written goals and objectives are available for the Radiologic Technology program.

Radiologic Technology program philosophy, purpose, goals, and objectives statements are used by student services personnel to aid in recruiting and placing students.

RADIOLOGIC TECHNOLOGY

FOUNDATIONS
(Evaluation)

Standard Statement

The philosophy, purpose, goals, and objectives of the Radiologic Technology program are evaluated.

Explanatory Comment

The evaluation of the Radiologic Technology program philosophy, purpose, goals, and objectives assists the program in meeting student, community, and employment market needs.

Evaluative Criteria

Formal evaluation of the philosophy, purpose, goals, and objectives of the Radiologic Technology program is performed annually and documents input from the program faculty, the administration, and the program advisory committee.

Evaluation of the philosophy, purpose, goals, and objectives of the Radiologic Technology program is conducted to assure congruence with changing community and employment market needs and Georgia Board of Technical and Adult Education philosophy and purpose statements.

Evaluation of the philosophy, purpose, goals, and objectives of the Radiologic Technology program assesses congruence with the requirements of the designated accrediting agency(ies).

Evaluation processes are designed to consider state evaluation processes and requirements and to verify that the philosophy, purpose, goals, and objectives of the Radiologic Technology program are being fulfilled.

Evaluation of the philosophy, purpose, goals, and objectives of the Radiologic Technology program results in revision, as needed.

RADIOLOGIC TECHNOLOGY

ADMISSIONS
(Admission Requirements)

Standard Statement

Statewide admission requirements are implemented for the Radiologic Technology program.

Explanatory Comment

Admission refers to regular admission into a diploma granting program.

Statewide program admission requirements consider state and national occupational licensing and certifying requirements, where applicable.

The institution develops and implements clearly stated diploma program admissions policies and procedures.

Admission requirements are related to the functions of the radiologic technology field.

Evaluative Criteria

The institution develops, implements, and publishes clearly stated Radiologic Technology admission and advanced placement policies and procedures.

The requirements for admission to the Radiologic Technology program are:
a) attainment of 17 or more years of age;
b) documentation of high school graduation or High School Equivalency Certificate;
c) achievement of the 10th grade level in math, reading, and English, as shown on a statistically validated test or minimum SAT scores of 380 verbal and 380 math;
d) documentation of a physical examination; and
e) completion of application and related procedures.

Admission of transfer students to the Radiologic Technology program is contingent upon their meeting the following requirements:
a) regular admission and good standing at a regionally accredited diploma or degree granting institution; and
b) proper completion of application and related procedures.

RADIOLOGIC TECHNOLOGY

ADMISSIONS
(Provisional Admission Requirements)

Standard Statement

Statewide provisional admission requirements are implemented for the Radiologic Technology program.

Explanatory Comment

Provisional admission is granted to qualified students who do not meet the regular admission requirements of the program.

Provisionally admitted students are allowed to take developmental studies courses and/or certain occupational courses as designated in the course sequence standard.

The institution develops, implements, and publishes clearly stated policies and procedures for entry into diploma programs on a provisional basis.

Evaluative Criteria

Provisional admission to the Radiologic Technology program is afforded those students who do not meet program admission requirements but who meet provisional admission requirements.

The requirements for provisional admission to the Radiologic Technology program are:

a) attainment of 17 or more years of age;
b) achievement of the 9th grade level in math, reading, and English, as shown on a statistically validated test or recommendation by program faculty and designated admissions personnel on the basis of interview and assessment of student potential;
c) documentation of a physical examination; and
d) completion of application and related procedures.

All Radiologic Technology program students initially admitted on a provisional basis meet regular admission requirements prior to graduation.

Provisionally admitted students whose English, math, and/or reading achievement levels do not meet regular program admission requirements are required to enroll in developmental studies courses approved by the Georgia Board of Technical and Adult Education.

RADIOLOGIC TECHNOLOGY

ADMISSIONS
(Recruitment)

Standard Statement

The Radiologic Technology program recruitment materials and practices are in the best interests of the students, institution, community, and employment market.

Explanatory Comment

The recruitment effort makes potential students aware of the services provided by the Radiologic Technology program and the institution.

The recruitment effort seeks to serve the economic development of the community by affording opportunities to prospective students.

The institution develops and implements a systematic, overall recruitment effort designed to assist students in meeting their occupational needs.

Evaluative Criteria

The recruitment effort assists in maintaining and/or increasing the Radiologic Technology program and institution enrollments.

The recruitment effort of the Radiologic Technology program includes participation in or assistance with:

a) development and dissemination of informational materials;
b) recruitment activities with other programs within the institution;
c) communication with potential students through contact with employers, secondary schools, organizations, the program advisory committee, and others;
d) promotion of Radiologic Technology program awareness among individuals and groups; and
e) consideration of the industrial and business needs of the community and employment market.

All recruitment materials and practices are ethical, equitable, and accurate in the depiction of the institution, the Radiologic Technology program, and the potential benefits of program completion.

RADIOLOGIC TECHNOLOGY

Students are provided with a clear description of the Radiologic Technology program and its content including: program goals, course objectives, and supervised clinical education assignments.

A written description of the admission requirements and procedures, tuition fees, and other costs of the Radiologic Technology program is made available to potential students.

RADIOLOGIC TECHNOLOGY

ADMISSIONS
(Evaluation and Planning)

Standard Statement

An evaluation of the admission requirements of the Radiologic Technology program is conducted.

Explanatory Comment

The admission requirements of the Radiologic Technology program are compatible with the admissions policies and procedures of the institution.

Evaluative Criteria

Radiologic Technology program admission requirements are evaluated annually to assure compliance with Georgia Board of Technical and Adult Education policies and appropriate program certification agency policies and standards.

The administration, with input from the program faculty and advisory committee, conducts an annual evaluation of Radiologic Technology program admission requirements to assess their adequacy in meeting the needs of the students, community, and employment market.

The evaluation results are used to modify the admissions procedures of the institution and to suggest Radiologic Technology program admission changes to the Georgia Board of Technical and Adult Education, as needed.

RADIOLOGIC TECHNOLOGY

PROGRAM STRUCTURE
(Curriculum Design)

Standard Statement

The curriculum of the Radiologic Technology program includes four categories of instruction: general core courses, fundamental occupational/technical courses, specific occupational/technical courses, and elective courses.

Explanatory Comment

General core courses and fundamental occupational/technical courses provide the academic and occupational/technical background that supports the specific occupational/technical and elective courses.

Evaluative Criteria

The Radiologic Technology program requires student completion of general core courses such as math, language skills, and other courses required by the Georgia Board of Technical and Adult Education.

The Radiologic Technology program requires student completion of fundamental occupational/technical courses in introductory concepts, principles, and technologies that provide the foundations for the given occupation and related fields.

The Radiologic Technology program requires student completion of specific occupational/technical courses that build on the foundations provided in the fundamental occupational/technical courses.

Radiologic Technology program students are offered the opportunity to take state-approved elective courses in order to develop their individual interests.

RADIOLOGIC TECHNOLOGY

PROGRAM STRUCTURE
(Program Numbering System)

Standard Statement

A Classification of Instructional Programs (CIP) code is applied to the Radiologic Technology program.

Explanatory Comment

Assignment of a statewide CIP code to every diploma/degree program is the basis for consistent program identification.

Evaluative Criteria

The Radiologic Technology program is assigned a (PGM) CIP code of (PGM) 17.0209 and is consistent with all other programs throughout the state which have the same (PGM) CIP code.

RADIOLOGIC TECHNOLOGY

PROGRAM STRUCTURE
(Program Consistency)

Standard Statement

The Radiologic Technology program utilizes essential course components consistent with statewide program requirements.

Explanatory Comment

Programs assigned an identical (PGM) CIP code are consistent statewide.

Evaluative Criteria

The Radiologic Technology program is assigned a CIP code of (PGM) 17.0209 and utilizes essential components designated for that program number statewide. Program components include but are not limited to:

a) Program Title

Radiologic Technology

b) Program Description

The Radiologic Technology program is a sequence of courses that prepares students for positions in radiologic departments and related businesses and industries. Learning opportunities develop academic, technical, and professional knowledge and skills required for job acquisition, retention, and advancement. The program emphasizes a combination of didactic and clinical instruction necessary for successful employment. Program graduates receive a Radiologic Technology diploma, have the qualifications of a radiographer, and are eligible to sit for a national certification examination for radiographers.

RADIOLOGIC TECHNOLOGY

c) Essential Courses — Credits

1) Essential General Core Courses — 13

ENG	101	English	5
MAT	103	Algebraic Concepts	5
PSY	100	Interpersonal Relations and Professional Development	3

2) Essential Fundamental Technical Courses — 38

AHS	101	Anatomy and Physiology	5
AHS	109	Medical Terminology for Allied Health Sciences	3
RAD	101	Introduction to Radiography	5
RAD	104	Radiographic Procedures I	3
RAD	106	Radiographic Procedures II	3
RAD	107	Principles of Radiographic Exposure I	3
RAD	111	Radiologic Science I	5
RAD	132	Introductory Clinical Radiography I	4
RAD	133	Introductory Clinical Radiography II	7

3) Essential Specific Technical Courses — 71

RAD	109	Radiographic Procedures III	3
RAD	113	Radiographic Procedures IV	2
RAD	114	Radiologic Science II	2
RAD	116	Principles of Radiographic Exposure II	2
RAD	117	Radiographic Imaging Equipment	4
RAD	118	Special Radiographic Procedures I	3
RAD	119	Radiographic Pathology	2
RAD	120	Principles of Radiation Biology and Protection	5
RAD	126	Radiologic Technology Review	3
RAD	134	Intermediate Clinical Radiography I	7
RAD	135	Intermediate Clinical Radiography II	7
RAD	136	Intermediate Clinical Radiography III	7

RADIOLOGIC TECHNOLOGY

RAD	137	Advanced Clinical Radiography I	9
RAD	138	Advanced Clinical Radiography II	9
XXX	XXX	Technical or Technically Related Electives	6

d) Program Final Exit Point

Radiographer, eligible to sit for a national certification examination for radiographers

e) Credits Required for Graduation

122 minimum quarter hour credits required for graduation

RADIOLOGIC TECHNOLOGY

PROGRAM STRUCTURE
(Exit Points)

Standard Statement

The Radiologic Technology program faculty documents student attainment of identified exit points.

Explanatory Comment

Exit points are the points within the program at which occupational competencies are achieved to qualify students for an entry level position in their field.

Evaluative Criteria

The faculty of the Radiologic Technology program monitors, evaluates, and records student progress towards achieving exit point competency levels.

The final Radiologic Technology program exit point, documented by a diploma, is a radiographer eligible to sit for a national certification examination.

The institution documents completion of exit points with a transcript.

Graduation from the Radiologic Technology program is dependent upon meeting the requirements of the Georgia Board of Technical and Adult Education.

RADIOLOGIC TECHNOLOGY

PROGRAM STRUCTURE
(Credentials)

Standard Statement

The achievement of Radiologic Technology program graduates and leavers is documented by the institution.

Explanatory Comment

A program graduate is a student who successfully fulfills all program requirements. A program leaver is a student who exits from the program prior to completion of all program requirements.

Course description documents are based on the course title, the essential course description, the essential competency areas taught, and the number of credits awarded as detailed in the program-specific standards and the listing of state-approved electives.

Evaluative Criteria

The institution grants each Radiologic Technology program graduate a diploma certifying satisfaction of program requirements.

Upon request, each Radiologic Technology program graduate is provided a transcript and course description document detailing courses taken, grades, credits earned, and credential awarded.

Upon request, each Radiologic Technology program leaver who has completed one or more courses is provided a transcript and course description document detailing courses taken, grades, and credits earned.

Upon request, each Radiologic Technology program leaver who has not completed an entire course is provided a transcript and course description document detailing the course entered and withdrawal.

RADIOLOGIC TECHNOLOGY

PROGRAM STRUCTURE
(Course Code)

Standard Statement

A statewide course identification code is applied to each Radiologic Technology course.

Explanatory Comment

An alphanumeric identification code is assigned to each course.

All Georgia Board of Technical and Adult Education approved courses are included in the course identification coding system.

Evaluative Criteria

Each course is assigned an alphanumeric descriptor that serves as the statewide course identification code.

The following list contains the Georgia Board of Technical and Adult Education designated course titles and course identification codes of the Radiologic Technology program.

AHS	101	Anatomy and Physiology
AHS	109	Medical Terminology for Allied Health Sciences
ENG	101	English
MAT	103	Algebraic Concepts
PSY	100	Interpersonal Relations and Professional Development
RAD	101	Introduction to Radiography
RAD	104	Radiographic Procedures I
RAD	106	Radiographic Procedures II
RAD	107	Principles of Radiographic Exposure I
RAD	109	Radiographic Procedures III
RAD	111	Radiologic Science I
RAD	113	Radiographic Procedures IV
RAD	114	Radiologic Science II
RAD	116	Principles of Radiographic Exposure II
RAD	117	Radiographic Imaging Equipment

RADIOLOGIC TECHNOLOGY

RAD	118	Special Radiographic Procedures I
RAD	119	Radiographic Pathology
RAD	120	Principles of Radiation Biology and Protection
RAD	126	Radiologic Technology Review
RAD	132	Introductory Clinical Radiography I
RAD	133	Introductory Clinical Radiography II
RAD	134	Intermediate Clinical Radiography I
RAD	135	Intermediate Clinical Radiography II
RAD	136	Intermediate Clinical Radiography III
RAD	137	Advanced Clinical Radiography I
RAD	138	Advanced Clinical Radiography II

RADIOLOGIC TECHNOLOGY

PROGRAM STRUCTURE
(Course Consistency)

Standard Statement

Courses assigned a given course identification code are consistent.

Explanatory Comment

Courses assigned the same course identification code are consistent throughout the state.

One quarter equals a minimum of 50 instructional days. One contact hour equals a minimum of 50 minutes of instruction.

One (1) quarter hour credit is defined as follows:

a) class - One contact hour of class per week for the duration of a quarter equals one quarter hour credit; class is defined as instruction which emphasizes group or individualized classroom learning.

b) demonstration laboratory (D.Lab) - Two contact hours of demonstration laboratory per week for the duration of a quarter equals one quarter hour credit; demonstration laboratory is defined as instruction which emphasizes teacher assisted learning activities.

c) practical performance laboratory (P.Lab) - Three contact hours of practical performance laboratory per week for the duration of a quarter equals one quarter hour credit; practical performance laboratory is defined as instruction which emphasizes structured activities requiring the application and practice of occupational competencies.

d) occupation-based instruction (O.B.I.) - Three contact hours of occupation-based instruction per week for the duration of a quarter equals one quarter hour credit; occupation-based instruction is defined as instruction which emphasizes supervised work-experience activities requiring the application of occupational competencies.

RADIOLOGIC TECHNOLOGY

Evaluative Criteria

Each course assigned a given course identification code utilizes certain components identical to those designated for that course identification code statewide.

Components designated for each course identification code include:

a) course title;
b) essential course description;
c) essential competency areas taught; and
d) number of quarter hour credits awarded for course completion.

RADIOLOGIC TECHNOLOGY

Courses in the Radiologic Technology program include:

AHS 101 - ANATOMY AND PHYSIOLOGY

Focuses on basic normal structure and function of the human body. Topics include: an overview of each body system, how systems coordinate activities to maintain a balanced state, recognizing deviations from the normal, and medical terminology including basic word structure and terms related to body structure and function are taught as an integral part of the course.

Competency Areas	Hours
- Medical Terms Describing the Human Body - Structure and Function of the Human Body	Class/Week - 5 Lab/Week - 0 Credit - 5

Prerequisite: Provisional admission

AHS 109 - MEDICAL TERMINOLOGY FOR ALLIED HEALTH SCIENCES

Introduces the elements of medical terminology. Emphasis is placed on building familiarity with medical words through knowledge of roots, prefixes, and suffixes. Topics include: origins, word building, abbreviations and symbols, terminology related to the human anatomy, reading medical orders and reports, and terminology specific to the student's field of study.

Competency Areas	Hours
- Word Origins (Roots, Prefixes, and Suffixes) - Word Building - Abbreviations and Symbols - Terminology Related to the Human Anatomy - Reading Medical Orders and Reports - Terminology Specific to the Student's Field of Study	Class/Week - 3 Lab/Week - 0 Credit - 3

Prerequisite: Provisional admission

RADIOLOGIC TECHNOLOGY

ENG 101 - ENGLISH

Emphasizes the development and improvement of written and oral communication abilities. Topics include: analysis of writing techniques used in selected readings, writing practice, editing and proofreading, research skills, and oral presentation skills. Homework assignments reinforce classroom learning.

Competency Areas	Hours
- Analysis of Writing Techniques Used in Selected Readings - Writing Practice - Editing and Proofreading - Research Skills - Oral Presentation Skills	Class/Week - 5 Lab/Week - 0 Credit - 5

Prerequisite: Program admission level English and reading competency

MAT 103 - ALGEBRAIC CONCEPTS

Introduces concepts and operations which can be applied to the study of algebra. Topics include: a review of arithmetic, signed numbers, order of operations, unknowns and variables, algebraic expressions, equations and formulas, and graphs. Class includes lecture, applications, and homework to reinforce learning.

Competency Areas	Hours
- Basic Mathematical Concepts - Basic Algebraic Concepts	Class/Week - 5 Lab/Week - 0 Credit - 5

Prerequisite: Program admission level math competency

RADIOLOGIC TECHNOLOGY

PSY 100 - INTERPERSONAL RELATIONS AND PROFESSIONAL DEVELOPMENT

Provides a study of human relations and professional development in today's rapidly changing world that prepares students for living and working in a complex society. Topics include: personal skills required for understanding of self and others; projecting a professional image; job acquisition skills such as conducting a job search, interviewing techniques, job application, and resume preparation; desirable job performance skills; and desirable attitudes necessary for job retention and advancement.

Competency Areas	Hours
- Human Relations Skills	Class/Week - 3
- Job Acquisition Skills	Lab/Week - 0
- Job Retention Skills	Credit - 3
- Job Advancement Skills	
- Professional Image Skills	

Prerequisite: Provisional admission

RADIOLOGIC TECHNOLOGY

RAD 101 - INTRODUCTION TO RADIOGRAPHY

Provides the student with an overview of radiography and patient care. Students will be oriented to the radiographic profession as a whole. Emphasis will be placed on patient care with consideration of both physical and psychological conditions. Topics include: ethics, medical and legal considerations, the "Right to Know Law," professionalism, basic principles of radiation protection, basic principles of exposure, equipment introduction, health care delivery systems, hospital and departmental organization, hospital and technical institution affiliation, body mechanics/transportation, vital signs, medical emergencies, contrast agents, CPR, medical and surgical asepsis, OR and mobile procedures, patient preparation, and death and dying.

Competency Areas	Hours
- Ethics	Class/Week - 5
- Medical and Legal Considerations	D.Lab/Week - 1
- "Right to Know Law"	Credit - 5
- Professionalism	
- Basic Principles of Radiation Protection	
- Basic Principles of Exposure	
- Equipment Introduction	
- Health Care Delivery Systems	
- Hospital and Departmental Organization	
- Hospital and Technical Institution Affiliation	
- Body Mechanics/Transportation	
- Vital Signs	
- Medical Emergencies	
- Contrast Agents	
- CPR	
- Medical and Surgical Asepsis	
- OR and Mobile Procedures	
- Patient Preparation	
- Death and Dying	

Prerequisite: Program admission level reading and math competency

RADIOLOGIC TECHNOLOGY

RAD 104 - RADIOGRAPHIC PROCEDURES I

Introduces the knowledge required to perform radiographic procedures applicable to the human anatomy. Emphasis will be placed on the production of quality radiographs, and laboratory experience will demonstrate the application of theoretical principles and concepts. Topics include: an introduction to radiographic procedures, positioning terminology; positioning considerations; procedures, anatomy, and topographical anatomy related to body cavities, upper extremities, and the shoulder girdle.

Competency Areas	Hours
- Introduction to Radiographic Procedures	Class/Week - 2
- Positioning Terminology	D.Lab/Week - 3
- Positioning Considerations	Credit - 3
- Procedures, Anatomy, and Topographical Anatomy Related to Body Cavities, Upper Extremities, and the Shoulder Girdle	

Prerequisites/Corequisites: AHS 101, RAD 101

RAD 106 - RADIOGRAPHIC PROCEDURES II

Continues to develop knowledge required to perform radiographic procedures. Topics include: anatomy and routine projections of the lower extremities, anatomy and routine projections of the pelvic girdle, anatomy and routine projections of the spine, and anatomy and routine projections of the bony thorax.

Competency Areas	Hours
- Anatomy and Routine Projections of the Lower Extremities	Class/Week - 2
- Anatomy and Routine Projections of the Pelvic Girdle	D.Lab/Week - 3
- Anatomy and Routine Projections of the Spine	Credit - 3
- Anatomy and Routine Projections of the Bony Thorax	

Prerequisite: RAD 104

RADIOLOGIC TECHNOLOGY

RAD 107 - PRINCIPLES OF RADIOGRAPHIC EXPOSURE I

Introduces knowledge of the factors that govern and influence the production of the radiographic image on radiographic film. Laboratory experiences will demonstrate applications of theoretical principles and concepts. Emphasis will be placed on knowledge and techniques required to process radiographic film. Topics include: radiographic density, radiographic contrast, recorded detail, distortion, exposure latitude, film holders and intensifying screens, processing area considerations, chemicals, handling and storage of film, characteristics of films utilized in radiographic procedures, the automatic processor, artifacts, silver recovery, processing quality assurance concepts, and state and federal regulations.

Competency Areas

- Radiographic Density
- Radiographic Contrast
- Recorded Detail
- Distortion
- Exposure Latitude
- Film Holders and Intensifying Screens
- Processing Area Considerations
- Chemicals
- Handling and Storage of Film
- Characteristics of Films Utilized in Radiographic Procedures
- Automatic Processor
- Artifacts
- Silver Recovery
- Processing Quality Assurance Concepts
- State and Federal Regulations

Hours

Class/Week - 3
P.Lab/ Week - 2
Credit - 3

Prerequisite/Corequisite: RAD 101

RADIOLOGIC TECHNOLOGY

RAD 109 - RADIOGRAPHIC PROCEDURES III

Continues development of the knowledge and skill required prior to execution of radiographic procedures in the clinical setting. Topics include: gastrointestinal (GI) procedures, genitourinary procedures, and biliary system procedures.

Competency Areas	Hours
- Gastrointestinal (GI) Procedures	Class/Week - 3
- Genitourinary Procedures	D.Lab/Week - 1
- Biliary System Procedures	Credit - 3

Prerequisite: RAD 106

RAD 111 - RADIOLOGIC SCIENCE I

Introduces the concepts of basic physics and emphasizes the fundamentals of x-ray generating equipment. Topics include: units of measure, physical principles, atomic structure, the structure of matter, electrostatics, magnetism and electromagnetism, electrodynamics, and control of high voltage and rectification.

Competency Areas	Hours
- Units of Measure	Class/Week - 5
- Physical Principles	Lab/Week - 0
- Atomic Structure	Credit - 5
- Structure of Matter	
- Electrostatics	
- Magnetism and Electromagnetism	
- Electrodynamics	
- Control of High Voltage and Rectification	

Prerequisite/Corequisite: MAT 103

RADIOLOGIC TECHNOLOGY

RAD 113 - RADIOGRAPHIC PROCEDURES IV

Continues to develop the knowledge required to perform radiographic procedures. Topics include: anatomy and routine cranial radiography, and anatomy and routine facial radiography.

Competency Areas	Hours
- Anatomy and Routine Cranial Radiography	Class/Week - 2
- Anatomy and Routine Facial Radiography	D.Lab/Week - 1
	Credit - 2

Prerequisite: RAD 104

RAD 114 - RADIOLOGIC SCIENCE II

Continues discussion of the concepts of basic physics and the fundamentals of x-ray generating equipment. Topics include: x-ray tubes, x-ray circuits, and production and characteristics of radiation.

Competency Areas	Hours
- X-Ray Tubes	Class/Week - 2
- X-Ray Circuits	Lab/Week - 0
- Production and Characteristics of Radiation	Credit - 2

Prerequisite: RAD 111

RADIOLOGIC TECHNOLOGY

RAD 116 - PRINCIPLES OF RADIOGRAPHIC EXPOSURE II

Continues to develop knowledge of the factors that govern and influence the production of the radiographic image on radiographic film. Topics include: beam limiting devices, beam filtration, scattered/secondary radiation, control of the remnant beam, technique formation, and exposure calculations.

Competency Areas	Hours
- Beam Limiting Devices	Class/Week - 2
- Beam Filtration	D.Lab/Week - 1
- Scattered/Secondary Radiation	Credit - 2
- Control of the Remnant Beam	
- Technique Formation	
- Exposure Calculations	

Prerequisite: RAD 107

RADIOLOGIC TECHNOLOGY

RAD 117 - RADIOGRAPHIC IMAGING EQUIPMENT

Provides knowledge of equipment routinely utilized to produce diagnostic images. Various recording media and techniques are discussed. Topics include: radiographic equipment, image intensified fluoroscopy, recording media and techniques, image noise, other imaging equipment such as CT and MRI, computer literacy, monitoring and maintenance, and state and federal regulations.

Competency Areas	Hours
- Radiographic Equipment	Class/Week - 3
- Image Intensified Fluoroscopy	D.Lab/Week - 3
- Recording Media and Techniques	Credit - 4
- Image Noise	
- Other Imaging Equipment	
- Computer Literacy	
- Monitoring and Maintenance	
- State and Federal Regulations	

Prerequisite: RAD 116

RAD 118 - SPECIAL RADIOGRAPHIC PROCEDURES I

Provides instruction in the more complicated special radiologic procedures of the body. Topics include: minor procedures, sterile techniques, special equipment, and introduction to angiographic and interventional procedures.

Competency Areas	Hours
- Minor Procedures	Class/Week - 3
- Sterile Techniques	D.Lab/Week - 1
- Special Equipment	Credit - 3
- Introduction to Angiographic and Interventional Procedures	

Prerequisite: RAD 113

RADIOLOGIC TECHNOLOGY

RAD 119 - RADIOGRAPHIC PATHOLOGY

Provides the student with an introduction to the concepts of disease. Pathology and disease as it relates to various radiographic procedures are discussed. Topics include: pathology fundamentals, trauma/physical injury, systemic classifications of disease.

Competency Areas	Hours
- Pathology Fundamentals	Class/Week - 2
- Trauma/Physical Injury	D.Lab/Week - 1
- Systemic Classifications of Disease	Credit - 2

Prerequisite: AHS 101

RAD 120 - PRINCIPLES OF RADIATION BIOLOGY AND PROTECTION

Provides instruction on the principles of cell radiation interaction. Radiation effects on cells and factors affecting cell response are presented. Acute and chronic effects of radiation are discussed. Topics include: radiation detection and measurement, patient protection, personnel protection, maximum permissible dose (MPD), agencies and regulations, introduction to radiation biology, cell anatomy, radiation/cell interaction, and effects of radiation.

Competency Areas	Hours
- Radiation Detection and Measurement	Class/Week - 5
- Patient Protection	Lab/Week - 0
- Personnel Protection	Credit - 5
- Maximum Permissible Dose (MPD)	
- Agencies and Regulations	
- Introduction to Radiation Biology	
- Cell Anatomy	
- Radiation/Cell Interaction	
- Effects of Radiation	

Prerequisite: Program admission level math and English competency

RADIOLOGIC TECHNOLOGY

RAD 126 - RADIOLOGIC TECHNOLOGY REVIEW

Provides a review of basic knowledge from previous courses and helps the student prepare for national certification examinations for radiographers. Topics include: principles of radiographic exposure; radiographic procedures; anatomy, physiology, pathology, and terminology; radiologic science and equipment; radiation protection; and patient care techniques.

Competency Areas	Hours
- Principles of Radiographic Exposure	Class/Week - 2
- Radiographic Procedures	D.Lab/Week - 2
- Anatomy, Physiology, Pathology, and Terminology	Credit - 3
- Radiologic Science and Equipment	
- Radiation Protection	
- Patient Care Techniques	

Prerequisites/Corequisites: RAD 134, RAD 138

RADIOLOGIC TECHNOLOGY

RAD 132 - INTRODUCTORY CLINICAL RADIOGRAPHY I

Introduces students to the hospital clinical setting and provides an opportunity for students to participate in or observe radiographic procedures. Emphasis is placed on clinical exposure to competencies in Radiographic Procedures I and II. Topics include: an orientation to hospital areas and procedures, mobile/surgery, and radiography and fluoroscopy; participation in and/or observation of procedures related to body cavities, the shoulder girdle, and upper extremities; and participation in and/or observation of routine projections of the lower extremities, pelvic girdle, spine, and bony thorax. Students' activities are under direct supervision.

Competency Areas	Hours
- Orientation to Hospital Areas and Procedures	Class/Week - 0
- Orientation to Mobile/Surgery	OBI/Week - 14
- Orientation to Radiography and Fluoroscopy	Credit - 4
- Participation In and/or Observation of Procedures Related to Body Cavities, the Shoulder Girdle, and Upper Extremities	
- Participation In and/or Observation of Routine Projections of the Lower Extremities, Pelvic Girdle, Spine, and Bony Thorax	

Prerequisites: 18 years of age, RAD 104
Prerequisite/Corequisite: RAD 106

RADIOLOGIC TECHNOLOGY

RAD 133 - INTRODUCTORY CLINICAL RADIOGRAPHY II

Continues introductory student learning experiences in the hospital setting. Emphasis is placed on those procedures discussed in Radiographic Procedures II and III. Topics include: equipment utilization; exposure techniques; progress toward completion of clinical competencies through participation in and/or observation of routine projections of the lower extremities, pelvic girdle, spine, and bony thorax; and participation in and/or observation of procedures related to gastrointestinal (GI), genitourinary, and biliary systems. Execution of radiographic procedures will be conducted under direct and indirect supervision.

Competency Areas	Hours
- Equipment Utilization	Class/Week - 0
- Exposure Techniques	OBI/Week - 21
- Participation in and/or Observation of Routine Projections of the Lower Extremities, Pelvic Girdle, Spine, and Bony Thorax	Credit - 7
- Participation in and/or Observation of Procedures Related to the Gastrointestinal (GI), Genitourinary, and Biliary Systems	

Prerequisites: RAD 106, RAD 132
Prerequisite/Corequisite: RAD 109

RADIOLOGIC TECHNOLOGY

RAD 134 - INTERMEDIATE CLINICAL RADIOGRAPHY I

Provides students with continued hospital setting work experience. Students improve skills in executing procedures introduced in Radiographic Procedures I and II and practiced in previous clinicals. Emphasis is placed on those procedures presented in Radiographic Procedures III and IV and practiced in previous clinicals. Topics include: equipment utilization; exposure techniques; and progress toward completion of clinical competencies through participation in and/or observation of gastrointestinal (GI), genitourinary, and biliary systems procedures, and routine and special cranial and facial radiography. Execution of radiographic procedures will be conducted under direct and indirect supervision.

Competency Areas	Hours
- Equipment Utilization	Class/ Week - 0
- Exposure Techniques	OBI/Week - 21
- Participation in and/or Observation of Gastrointestinal (GI), Genitourinary, and Biliary Systems Procedures	Credit - 7
- Participation in and/or Observation of Cranial and Facial Radiography	

Prerequisites: RAD 109, RAD 133
Prerequisites/Corequisites: RAD 113, RAD 114

RADIOLOGIC TECHNOLOGY

RAD 135 - INTERMEDIATE CLINICAL RADIOGRAPHY II

Provides students with continued hospital setting work experience. Students continue to develop proficiency in executing procedures introduced in Radiographic Procedures I, II, III, and IV. Emphasis is placed on those procedures presented in Radiographic Procedures IV and Special Radiographic Procedures I. Topics include: sterile techniques and progress toward completion of clinical competencies through participation in and/or observation of minor special procedures, special equipment use, genitourinary system procedures, and routine and special cranial and facial radiography. Execution of radiographic procedures will be conducted under direct and indirect supervision.

Competency Areas	Hours
- Sterile Techniques - Participation in and/or Observation of Minor Special Procedures, Special Equipment Use, and Genitourinary System Procedures - Participation in and/or Observation of Cranial and Facial Radiography	Class/Week - 0 OBI/Week - 21 Credit - 7

Prerequisite: RAD 134
Prerequisite/Corequisite: RAD 118

RADIOLOGIC TECHNOLOGY

RAD 136 - INTERMEDIATE CLINICAL RADIOGRAPHY III

Provides students with continued hospital setting work experience. Students demonstrate increased proficiency levels in skills introduced in Radiographic Procedures I, II, III, IV and Special Radiographic Procedures I and practiced in previous clinical radiography courses. Emphasis will be placed on those procedures introduced in Special Radiographic Procedures I. Topics include: advanced radiographic anatomy; equipment utilization; exposure techniques; sterile techniques; and progress toward completion of clinical competencies through participation in and/or observation of angiographic, interventional, minor special, and special genitourinary system procedures, and special equipment use. Execution of radiographic procedures will be conducted under direct and indirect supervision.

Competency Areas	Hours
- Advanced Radiographic Anatomy - Equipment Utilization - Exposure Techniques - Sterile Techniques - Participation in and/or Observation of Angiographic, Interventional, Minor Special, and Special Genitourinary System Procedures - Participation in and/or Observation of Special Equipment Use	Class/Week - 0 OBI/Week - 21 Credit - 7

Prerequisites: RAD 118, RAD 135

RADIOLOGIC TECHNOLOGY

RAD 137 - ADVANCED CLINICAL RADIOGRAPHY I

Provides a hospital setting in which students continue to develop proficiency levels in skills introduced in Radiographic Procedures I, II, III, IV and Special Radiographic Procedures I and practiced in previous clinical radiography courses. Emphasis is placed on skill improvement through execution of special radiographic procedures under indirect supervision. Topics include: equipment utilization, exposure techniques, and progress toward completion of clinical competencies through participation in and/or observation of routine and special radiographic procedures. Execution of radiographic procedures will be conducted under direct and indirect supervision.

Competency Areas	Hours
- Equipment Utilization	Class/Week - 0
- Exposure Techniques	OBI/Week - 28
- Participation in and/or Observation of Routine and Special Radiographic Procedures	Credit - 9

Prerequisite: RAD 136
Prerequisite/Corequisite: RAD 120

RADIOLOGIC TECHNOLOGY

RAD 138 - ADVANCED CLINICAL RADIOGRAPHY II

Provides a culminating hospital setting work experience which allows the students to synthesize information and procedural instruction provided throughout the program. Emphasis is placed on skill level improvements and final completion of all required clinical competencies presented in previous courses and practiced in previous clinical radiography courses. Topics include: equipment utilization, exposure techniques, and completion of all clinical competencies through participation in and/or observation of routine and special radiographic procedures. Execution of radiographic procedures will be conducted under indirect supervision.

Competency Areas	Hours
- Equipment Utilization	Class/Week - 0
- Exposure Techniques	OBI/Week - 28
- Participation in and/or Observation of Routine and Special Radiographic Procedures	Credit - 9
- Final Completion of All Required Clinical Competencies	

Prerequisite: RAD 137

RADIOLOGIC TECHNOLOGY

PROGRAM STRUCTURE
(Course Sequence)

Standard Statement

The Radiologic Technology program requires students to progress through the four instructional course categories in a developmentally valid sequence.

Explanatory Comment

The four instructional course categories are: general core courses, fundamental occupational/technical courses, specific occupational/technical courses, and elective courses.

A developmentally valid instructional sequence is one in which the student acquires prerequisite knowledge and skills before progressing to more advanced studies.

Evaluative Criteria

The Radiologic Technology program requires students to complete prerequisite courses prior to enrolling in subsequent courses.

Provisions are made for Radiologic Technology program students to exempt courses in which they are competent.

The Radiologic Technology program complies with the required provisional admission, program admission, and/or program admission level competency prerequisites listed below.

The Radiologic Technology program reflects the suggested course prerequisites and/or corequisites listed below.

(In the list below prerequisites are indicated by [P]
and prerequisites/corequisites are indicated by [P/C].)

Courses	Sequence
AHS 101 Anatomy and Physiology	[P] Provisional admission

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AHS	109	Medical Terminology for Allied Health Sciences	[P] Provisional admission
ENG	101	English	[P] Program admission level English and reading competency
MAT	103	Algebraic Concepts	[P] Program admission level math competency
PSY	100	Interpersonal Relations and Professional Development	[P] Provisional admission
RAD	101	Introduction to Radiography	[P] Program admission level reading and math competency
RAD	104	Radiographic Procedures I	[P/C] AHS 101, RAD 101
RAD	106	Radiographic Procedures II	[P] RAD 104
RAD	107	Principles of Radiographic Exposure I	[P/C] RAD 101
RAD	109	Radiographic Procedures III	[P] RAD 106
RAD	111	Radiologic Science I	[P/C] MAT 103
RAD	113	Radiographic Procedures IV	[P] RAD 104
RAD	114	Radiologic Science II	[P] RAD 111
RAD	116	Principles of Radiographic Exposure II	[P] RAD 107
RAD	117	Radiographic Imaging Equipment	[P] RAD 116
RAD	118	Special Radiographic Procedures I	[P] RAD 113
RAD	119	Radiographic Pathology	[P] AHS 101
RAD	120	Principles of Radiation Biology and Protection	[P] Program admission level math and English competency
RAD	126	Radiologic Technology Review	[P/C] RAD 134, RAD 138
RAD	132	Introductory Clinical Radiography I	[P] 18 years of age, RAD 104 [P/C] RAD 106
RAD	133	Introductory Clinical Radiography II	[P] RAD 106, RAD 132 [P/C] RAD 109
RAD	134	Intermediate Clinical Radiography I	[P] RAD 109, RAD 133 [P/C] RAD 113, RAD 114
RAD	135	Intermediate Clinical Radiography II	[P] RAD 134 [P/C] RAD 118

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RAD 136	Intermediate Clinical Radiography III	[P] RAD 118, RAD 135
RAD 137	Advanced Clinical Radiography I	[P] RAD 136 [P/C] RAD 120
RAD 138	Advanced Clinical Radiography II	[P] RAD 137

RADIOLOGIC TECHNOLOGY

PROGRAM STRUCTURE
(Electives)

Standard Statement

Electives are made available for the Radiologic Technology program.

Explanatory Comment

Radiologic Technology program students are provided opportunities to enroll in state-approved elective courses. Elective courses utilize the following components: course title, essential course description, essential competency areas, and number of credits awarded for course completion.

Required courses for a diploma program are available to other diploma programs as elective courses.

Evaluative Criteria

Electives are established utilizing the following process:

a) The administration of the institution, the program faculty, and the program advisory committee cooperate in establishing and utilizing a system to recommend needed and feasible elective courses;
b) The administration of the institution, the program faculty, and the program advisory committee communicate with the statewide program technical committee and appropriate staff of the Georgia Department of Technical and Adult Education concerning the proposed elective(s);
c) The administration of the institution, the program faculty, and the program advisory committee consider revisions and prepare a final elective course proposal;
d) The administration of the institution presents the elective course proposal to the appropriate staff of the Georgia Department of Technical and Adult Education;
e) The staff of the Georgia Department of Technical and Adult Education reviews the proposal using its established criteria for evaluating elective courses.

Electives are made available for the Radiologic Technology program and elective course work is included in the requirements for program graduation.

RADIOLOGIC TECHNOLOGY

PROGRAM STRUCTURE
(Course Transferability)

Standard Statement

Radiologic Technology program courses are transferable on the basis of their course identification code.

Explanatory Comment

Courses assigned identical course identification codes include consistent essential competency areas; therefore, resultant credits are guaranteed transferability between programs and institutions under the jurisdiction of the Georgia Board of Technical and Adult Education.

Courses that do not have an assigned course identification code but include similar essential competency areas are selectively transferable.

Evaluative Criteria

Radiologic Technology program courses assigned designated course identification codes are transferable between programs and institutions under the jurisdiction of the Georgia Board of Technical and Adult Education.

Courses taken outside the Georgia Technical and Adult Education system are selectively accepted for transfer on the basis of similarity in competency areas as determined by the Radiologic Technology program faculty and admissions officers.

Only those courses in which a grade of C or better was awarded are transferable.

RADIOLOGIC TECHNOLOGY

PROGRAM EVALUATION AND PLANNING
(Program Evaluation)

Standard Statement

A written evaluation procedure is developed and implemented for the Radiologic Technology program.

Explanatory Comment

Program evaluation procedures vary depending upon the nature of the institution and the program. The administration and program faculty, in association with the program advisory committee, develop and implement program evaluation procedures and data collection techniques that are reasonable and realistic for yearly evaluation purposes.

Radiologic Technology program faculty and administrative personnel work together to determine student enrollment, attrition, graduation, placement, and performance levels.

Evaluative Criteria

A procedure for continuous Radiologic Technology program evaluation is developed and implemented by the administration of the institution, program faculty, and program advisory committee. Formal evaluation of the Radiologic Technology program is conducted and documented annually.

The Radiologic Technology program evaluation procedure is used to determine the extent to which program goals and objectives are achieved.

The Radiologic Technology program evaluation results are used to determine the adequacy of the existing program to meet current occupational needs.

The Radiologic Technology program evaluation procedure is used to ascertain the consistency of the philosophy, purpose, goals, and objectives of the program with those of the institution, the Georgia Board of Technical and Adult Education, and the designated accrediting agency(ies).

The Radiologic Technology program evaluation procedure includes review of student program evaluations, enrollment, attrition, graduation, placement, and student performance levels.

RADIOLOGIC TECHNOLOGY

The Radiologic Technology program evaluation procedure includes consultation with the program advisory committee, frequent communication with employers, analysis of placement and follow-up data, and collection of other information to evaluate and document program relevance.

Radiologic Technology program evaluation results are used to plan program improvements.

RADIOLOGIC TECHNOLOGY

PROGRAM EVALUATION AND PLANNING
(Program Planning)

Standard Statement

A written planning procedure is developed and implemented for the Radiologic Technology program.

Explanatory Comment

The Radiologic Technology program planning procedure allows responsiveness to the changing needs of the community and employment market.

The Radiologic Technology program is evaluated at the institutional level by the students, instructors, program advisory committee, and administration; from this documented data, short-range and long-range program planning is developed.

Evaluative Criteria

A Radiologic Technology program planning procedure is developed and implemented by the administration of the institution and program faculty. Formal planning for the Radiologic Technology program is conducted and documented annually.

The Radiologic Technology program planning procedure utilizes program evaluation results to facilitate provision of program offerings of sufficient quality and scope to meet community and employment market needs.

The Radiologic Technology program planning procedure considers recommendations for program and course continuation, addition, deletion, and/or modification based on needs assessment information and input from the administration of the institution, the program faculty, and the advisory committee.

The Radiologic Technology program planning procedure considers information from appropriate national, state, and local governmental and non-governmental agencies.

The Radiologic Technology program planning procedure considers information such as demographic studies, occupational surveys, current curricula, cost estimates, instructor availability, equipment needs, and projected enrollment figures that include special populations.

RADIOLOGIC TECHNOLOGY

The Radiologic Technology program planning procedure satisfies the program planning requirements of the designated accrediting agency(ies).

RADIOLOGIC TECHNOLOGY

PROGRAM EVALUATION AND PLANNING
(Enrollment, Graduation, and Placement Levels)

Standard Statement

An evaluation of the enrollment, graduation, and placement levels of the Radiologic Technology program is conducted.

Explanatory Comment

Acceptable Radiologic Technology program outcomes (enrollment, graduation, and placement levels) are identified in the Evaluation, Planning, and Budgeting (EPB) model.

Evaluative Criteria

Annual evaluation of Radiologic Technology program enrollment, graduation, and placement statistics is conducted and documented by the administration and program faculty.

Radiologic Technology program evaluation findings are compared with acceptable outcome levels designated for state evaluation requirements.

Factors contributing to the outcomes of the Radiologic Technology program are identified and analyzed. Where enrollment, graduation, and/or placement levels are unacceptable, appropriate corrective action is taken.

RADIOLOGIC TECHNOLOGY

PROGRAM EVALUATION AND PLANNING
(Attrition Levels)

Standard Statement

An analysis of the attrition level of the Radiologic Technology program is conducted and used in evaluating and improving the program.

Explanatory Comment

Attrition level is a measure of the number of students who withdraw from a program prior to completion of graduation requirements.

Attrition levels vary from one type of program to another depending on the nature of the program and the student population. The attrition level of the Radiologic Technology program is compared with relevant, available national norms and other data.

Evaluative Criteria

Annual evaluation of the attrition level of the Radiologic Technology program is conducted and documented by the program faculty.

Factors contributing to the attrition level are identified and analyzed, and appropriate corrective action is taken.

RADIOLOGIC TECHNOLOGY

PROGRAM EVALUATION AND PLANNING
(Student Performance)

Standard Statement

An evaluation of the Radiologic Technology program is conducted based on student achievement levels.

Explanatory Comment

Achievement levels are evaluated on the basis of verified student performance related to academic knowledge, occupational/technical knowledge, and performance skills.

Student achievement levels for the Radiologic Technology program are determined on the basis of student performance data gathered from tests which are locally developed and conducted during each program of study.

Evaluative Criteria

Annual evaluation of Radiologic Technology program student achievement levels is conducted and documented by the administration and program faculty.

Factors contributing to student achievement levels are identified and analyzed. Where achievement is low, corrective action is taken to improve the program.

RADIOLOGIC TECHNOLOGY

INSTRUCTIONAL PROGRAM
(Course Content)

Standard Statement

The essential content of each Radiologic Technology course is consistent statewide for courses having the same course identification code.

Explanatory Comment

Course content is defined in terms of competency areas taught. The program-specific standards of the Georgia Board of Technical and Adult Education detail the essential competency areas for each course identification code.

Evaluative Criteria

The content of each Radiologic Technology course having a given course identification code includes, but is not limited to, essential competency areas identified for that course identification code.

Competency areas included in the Radiologic Technology course content reflect advances in the subject area and occupational field and respond to student, community, and employment market needs.

The overall content of each Radiologic Technology course is consistent with established program goals and objectives.

RADIOLOGIC TECHNOLOGY

INSTRUCTIONAL PROGRAM
(Course Objectives)

Standard Statement

Each Radiologic Technology program course is constructed on the basis of course objectives.

Explanatory Comment

Course objectives are desired student performance outcomes stated in measurable performance terms.

The Radiologic Technology program faculty coordinates the planning of course objectives, outlines, and syllabi in an effort to facilitate program efficiency and consistency.

Evaluative Criteria

The objectives of each Radiologic Technology course are derived from established program objectives.

Radiologic Technology course outlines and lesson plans are based on course objectives.

RADIOLOGIC TECHNOLOGY

INSTRUCTIONAL PROGRAM
(Course Instruction)

Standard Statement

Suitable instructional techniques and resources facilitate the fulfillment of Radiologic Technology course objectives.

Explanatory Comment

A wide variety of instructional techniques and resources are used to direct student learning experiences.

Instruction to develop entry level competencies follows a plan which documents learning experiences and curriculum sequencing including: instructional materials, classroom presentations, discussions, demonstrations, laboratory sessions, supervised practice, and experiences that support course objectives.

Evaluative Criteria

Course outlines, syllabi, and group or individual lesson preparations serve to organize instruction in each Radiologic Technology classroom and laboratory.

Instructional materials such as competency tests, text books, clinical materials, demonstration materials, media collections, instruction sheets, audiovisuals, and computer programs are utilized to meet Radiologic Technology program goals and objectives and enhance instructional effectiveness.

Teaching methods, materials, and procedures make provisions for individual differences, needs, and capabilities. Opportunities for remediation are provided to students as needed.

Student learning experiences include theoretical instruction and practical application of knowledge. The ratio of theoretical to practical instruction depends on the nature of program competencies.

Student progress is systematically monitored, evaluated, and recorded by the Radiologic Technology program faculty as part of the instructional process.

RADIOLOGIC TECHNOLOGY

Desirable employability skills are integrated into Radiologic Technology course instruction and are modeled by the instructor.

Academic skills are integrated into Radiologic Technology course instruction and are modeled by the instructor.

A syllabus which outlines course objectives, requirements, competencies to be achieved, content, and evaluation techniques is made available to students enrolled in each Radiologic Technology course.

Instruction is conducted at a level consistent with entry into the Radiologic Technology profession.

Instructional methods are evaluated routinely, and evidence of improvement is collected and documented by the Radiologic Technology program faculty.

RADIOLOGIC TECHNOLOGY

INSTRUCTIONAL PROGRAM
(Occupation-Based Instruction)

Standard Statement

The Radiologic Technology program offers effective occupation-based instructional delivery in accredited clinical facilities.

Explanatory Comment

Occupation-based instructional delivery systems include educational work experiences, internships, practicums, and other specialized and/or innovative learning arrangements.

Diploma programs that require internships, work experience arrangements, and/or other occupation-based instructional experiences do so on the basis of designated essential competency areas and courses for the given program.

Evaluative Criteria

Any internship, on-the-job training arrangement, or other educational work experience that is a Radiologic Technology program requirement or elective is:

a) listed as a course having a course identification code;
b) assigned course credit and required tuition;
c) defined by the same requirements for statewide course title, essential course description, and essential competency areas as any other diploma/degree program course;
d) controlled and supervised by the institution, Radiologic Technology program faculty, and/or the person designated to coordinate work experience courses; and
e) managed through the use of prescribed individual training plans that detail required student learning and performance objectives and appropriate agreements between institutions and work experience supervisors, and agreements between sponsoring institutions and clinical affiliation facilities in accordance with program certification agency requirements.

RADIOLOGIC TECHNOLOGY

INSTRUCTIONAL PROGRAM
(Evaluation of Students)

Standard Statement

A system for evaluation of students is developed and implemented by the Radiologic Technology program faculty.

Explanatory Comment

Evaluation of students is based on tests, observations, records, interviews, homework, projects, and/or other evidence of student performance.

Evaluative Criteria

The Radiologic Technology program system for evaluation of students is consistent with institutional grading policies.

The faculty of the Radiologic Technology program develops, implements, and disseminates a written system for evaluation of students.

The Radiologic Technology program system for evaluation of students reflects the philosophy, purpose, goals, and objectives of the program.

The Radiologic Technology program system for evaluation of students requires use of competency-based measures of student performance.

The Radiologic Technology program system for evaluation of students is related to the objectives and competencies described in the curriculum for both didactic and supervised clinical education components.

The Radiologic Technology program system for evaluation of students requires use of both formative and summative evaluation.

The Radiologic Technology program system for evaluation of students requires evaluations with sufficient frequency to provide students and faculty with timely indicators of student progress and to serve as an indicator of curriculum and instructional effectiveness.

RADIOLOGIC TECHNOLOGY

The Radiologic Technology program system for evaluation of students includes evaluation and documentation of student achievement in both course specific knowledge and practical application.

The Radiologic Technology program system for evaluation of students includes evaluation and documentation of student achievement in the cognitive, affective, and psychomotor domains.

The Radiologic Technology program system for evaluation of students is reviewed annually and revised, as necessary.

RADIOLOGIC TECHNOLOGY

INSTRUCTIONAL PROGRAM
(Grading System)

Standard Statement

The Radiologic Technology program implements statewide grading standards.

Explanatory Comment

Program grading systems vary in detail but are consistent regarding major principles.

Evaluative Criteria

The faculty of the Radiologic Technology program develops, implements, and disseminates a written grading system that incorporates statewide grading standards.

The Radiologic Technology program grading system is disseminated to students by the time of entry into the program and establishes the criteria for passing, failing, and progression in the program.

The grading system reflects the objectives of the Radiologic Technology program.

The grading system of the Radiologic Technology program is used to promote student awareness of learning progress.

The grading system of the Radiologic Technology program bases grades in occupational courses on documented measures of student knowledge, practical application of knowledge, and employability skills.

The grading system of the Radiologic Technology program establishes passing grades that document student achievement of course competencies at levels acceptable for job entry.

The grading system of the Radiologic Technology program requires use of a grading scale whereby 90 to 100% is an A, 80 to 89% is a B, 70 to 79% is a C, 65 to 69% is a D, and 0 to 64% is an F.

The grading system of the Radiologic Technology program recommends the minimum course grade of C required for progress from specified courses to more advanced courses.

RADIOLOGIC TECHNOLOGY

The grading system of the Radiologic Technology program is evaluated annually by the program faculty and revised, as needed.

Standard Number:
50-05-07

RADIOLOGIC TECHNOLOGY

INSTRUCTIONAL PROGRAM
(Laboratory Management)

Standard Statement

A system for instructional laboratory management is developed and implemented by the faculty of the Radiologic Technology program.

Explanatory Comment

An established laboratory management system facilitates productive instructional laboratory operation.

Evaluative Criteria

The faculty of the Radiologic Technology program develops and implements a written laboratory management system.

The laboratory management system is disseminated to Radiologic Technology program students and faculty.

Institutional policies regarding safety, liability, and laboratory operation are reflected in the Radiologic Technology program laboratory management procedure.

The Radiologic Technology program laboratory management system is consistent with the goals and objectives of the program.

The Radiologic Technology program laboratory management system maximizes the instructional usefulness of student laboratory experiences. The laboratory management system is designed to meet student needs in learning program competencies.

The Radiologic Technology program laboratory management system complies with and stresses safety practices, requires that safety instruction precede laboratory instruction, and establishes required safety tests.

The Radiologic Technology program laboratory management system is developed using input from program faculty, advisory committee members, and, when possible, students.

The laboratory management system is evaluated annually and revised, as needed.

RADIOLOGIC TECHNOLOGY

INSTRUCTIONAL PROGRAM
(Equipment, Supplies, and Materials)

Standard Statement

The furnishings, equipment, supplies, and materials for the Radiologic Technology program are sufficient, appropriate, and adequately maintained to support safe and effective instruction.

Explanatory Comment

Program equipment, supplies, and materials include items used in a given occupation and items used in the delivery of instruction.

Evaluative Criteria

Current and adequately maintained furnishings, equipment, supplies, and materials are available to meet the instructional goals and performance objectives of the Radiologic Technology program.

Students in the Radiologic Technology program are helped to develop transferable occupational skills by using instructional equipment, tools, materials, and supplies that are comparable to those currently used in the occupational field. Tools and equipment reflect industry quality standards.

Equipment includes a sufficient amount and variety of nonautomated equipment so that students are able to profit from learning experiences independent of the service work of the laboratory. Current automated and/or semi-automated instruments are available for student learning experiences and practice. Computers are accessible for student use for program learning activities.

The furnishings, equipment, supplies, and materials used in the Radiologic Technology program meet or exceed applicable local, state, and federal health and safety standards.

The Radiologic Technology program makes provisions to ensure that all health and safety equipment, machine guards, fixtures, materials, and supplies required by local codes, state law, and professional practice are available and maintained in working order.

RADIOLOGIC TECHNOLOGY

The Radiologic Technology program requires that applicable personal safety devices, equipment, and supplies are available, utilized, and maintained in working order.

First aid supplies appropriate for the Radiologic Technology program are available throughout each program area.

Radiologic Technology program equipment, supplies, and materials are installed, color coded, controlled, ventilated, and/or stored in accordance with applicable health and safety codes.

The Radiologic Technology program implements an equipment, materials, and supplies management system that delineates proper procedures for purchasing, maintaining, locating, storing, inventorying, securing, distributing, repairing, replacing, and safely using instructional items.

The Radiologic Technology program utilizes its advisory committee and other inputs in implementing annual evaluation and planning procedures to maintain or improve the adequacy, safety, and management of equipment, materials, and supplies.

RADIOLOGIC TECHNOLOGY

INSTRUCTIONAL PROGRAM
(Physical Facility)

Standard Statement

The Radiologic Technology program is provided with adequate and appropriate facilities.

Explanatory Comment

The facilities for the Radiologic Technology program vary depending on enrollments, learning activities involved, instructional equipment used, indoor and/or outdoor instruction involved, and other factors.

Evaluative Criteria

Space allocations for the Radiologic Technology program are appropriate for the number of students enrolled and the type of instructional activity involved.

The physical facilities for the Radiologic Technology program are designed to facilitate instructional delivery, allow program flexibility, accommodate instructional management, protect students and staff against safety hazards, protect equipment from loss or damage, provide accessibility to all students, and create a positive atmosphere for effective learning.

The physical facilities for the Radiologic Technology program are arranged to separate noise-producing activities from those that require a quiet environment, to expedite student traffic flow, and to prevent disruption of instruction.

Water, electricity, and other utilities are safely and conveniently provided to the Radiologic Technology program on the basis of instructional needs.

The Radiologic Technology program is provided with lighting, heating, cooling, ventilation, and any specialized control systems needed to maintain healthy and safe working conditions and meet instructional requirements.

The physical facilities for the Radiologic Technology program include classrooms, laboratories, and/or other specialized learning areas needed to meet instructional requirements.

RADIOLOGIC TECHNOLOGY

The institution provides adequate and appropriate non-instructional facilities including offices, restrooms, storage areas, and any other specialized areas needed to meet Radiologic Technology program needs.

The facilities for the Radiologic Technology program are maintained regularly and operated effectively and cost efficiently.

The Radiologic Technology program faculty and advisory committee conduct an annual facility evaluation which contributes to the overall institutional facility review process.

RADIOLOGIC TECHNOLOGY

ACADEMIC SKILLS
(Academic Requirements)

Standard Statement

Academic achievement standards are established for the Radiologic Technology program.

Explanatory Comment

Examples of academic skills include, but are not limited to, communication skills, reading comprehension skills, and computation skills.

Developmental studies assists students to improve skills such as language usage, reading, and computation prior to regular program admission.

Evaluative Criteria

The Radiologic Technology program utilizes academic achievement standards for admission that reflect skills necessary for successful participation in the instructional program.

The institution offers developmental studies to students who do not meet academic achievement standards for program admission.

The institution offers a required general core curriculum consisting of academic instruction.

Opportunities for academic remediation are provided to students while enrolled in Radiologic Technology program courses.

The Radiologic Technology program utilizes academic evaluation achievement standards that reflect skills necessary for successful performance on the job.

Where a state-approved evaluation has not been established, evaluation of essential academic skills is conducted according to standards developed by the local program faculty.

RADIOLOGIC TECHNOLOGY

EMPLOYABILITY SKILLS
(Job Acquisition)

Standard Statement

Job acquisition competency areas are integrated into the curriculum of the Radiologic Technology program.

Explanatory Comment

Employability skills refer to the basic academic, interpersonal, reasoning, and problem solving skills that, when transferred to the occupational setting, facilitate job acquisition, retention, and advancement.

Job acquisition competency areas consist of essential employability skills that directly influence the ability to obtain employment.

Evaluative Criteria

The faculty of the Radiologic Technology program ensures that job acquisition competency areas are included in the curriculum.

Job acquisition competency areas include, but are not limited to, the following:
a) job search;
b) job application and resume preparation;
c) interviewing; and
d) job marketing.

The faculty of the Radiologic Technology program utilizes job follow-up data, current research, and the expertise of the program advisory committee to evaluate and update the delivery of program employability skills training.

The faculty of the Radiologic Technology program assists in providing student employment information to the job placement office.

The faculty of the Radiologic Technology program encourages and guides students in preparing occupationally appropriate job acquisition materials such as applications, resumes, letters of reference, work histories, course descriptions or outlines, transcripts, and other related information.

RADIOLOGIC TECHNOLOGY

The media collection includes multi-media employability information appropriate for classroom and individual student use.

RADIOLOGIC TECHNOLOGY

EMPLOYABILITY SKILLS
(Job Retention and Advancement)

Standard Statement

Job retention and advancement competency areas are integrated into the curriculum of the Radiologic Technology program.

Explanatory Comment

Employability skills refer to the basic academic, interpersonal, reasoning, and problem solving skills that, when transferred to the occupational setting, facilitate job acquisition, retention, and advancement.

Job retention and advancement competency areas consist of desirable job performance skills and attitudes that directly influence the ability to maintain employment or achieve an improved employment role.

Evaluative Criteria

The faculty of the Radiologic Technology program ensures that job retention and advancement competency areas are included in the curriculum.

The Radiologic Technology program curriculum stresses professional job performance required for maintaining and advancing in a job including, but not limited to, demonstration of:

a) knowledge of occupational and academic skills;
b) quality work standards;
c) productivity;
d) communication skills;
e) punctuality;
f) problem solving skills;
g) interpersonal skills;
h) confidentiality; and
i) knowledge of the career ladder.

RADIOLOGIC TECHNOLOGY

The Radiologic Technology program curriculum stresses professional attitudes required for maintaining and advancing in a job including, but not limited to, demonstration of:

a) cooperativeness;
b) pleasantness;
c) responsibility;
d) self-control;
e) enthusiasm;
f) flexibility;
g) helpfulness;
h) loyalty; and
i) willingness to learn.

The Radiologic Technology program curriculum stresses demonstration of professional conduct and interpersonal communications skills with patients, laboratory personnel, other health care professionals, and the public.

The Radiologic Technology program curriculum stresses recognition of and respect for the responsibilities of other laboratory and health care personnel.

The Radiologic Technology program faculty utilizes job follow-up data, current research, and the expertise of the program advisory committee to evaluate and update the delivery of program employability skills training.

The Radiologic Technology program faculty assists in providing student employment information to the job placement office.

RADIOLOGIC TECHNOLOGY

STAFF
(Faculty Qualifications and Responsibilities)

Standard Statement

Qualified faculty are responsible for carrying out the purpose, goals, and objectives of the Radiologic Technology program.

Explanatory Comment

Essential faculty qualifications and responsibilities are detailed in the Certification Manual and the program-specific standards established by the Georgia Board of Technical and Adult Education.

Evaluative Criteria

The qualifications for each Radiologic Technology program part-time or full-time faculty member meet the requirements specified in the Certification Manual of the Georgia Board of Technical and Adult Education, as appropriate, and the requirements of the designated accrediting agency(ies).

The responsibilities of each Radiologic Technology program part-time or full-time faculty member are in compliance with the requirements specified in the Georgia Board of Technical and Adult Policy Manual and are in conformance with the requirements of the designated accrediting agency(ies).

The faculty of the Radiologic Technology program use annual staff development opportunities to assure achievement of occupational and instructional competency.

RADIOLOGIC TECHNOLOGY

ADVISORY COMMITTEE
(Function)

Standard Statement

A program advisory committee provides expert support for the Radiologic Technology program.

Explanatory Comment

A program advisory committee is established to promote interaction between the Radiologic Technology program and businesses and industries served by the program.

Faculty use the expertise of the advisory committee to improve program content and operation.

Evaluative Criteria

The Radiologic Technology program advisory committee assists with developing short-range and long-range plans.

The Radiologic Technology program advisory committee provides advice regarding curriculum content to ensure that courses relate to present and future employment needs.

The Radiologic Technology program advisory committee makes suggestions regarding the modification, addition, or deletion of course offerings.

The Radiologic Technology program advisory committee supports the program through public relations activities.

The Radiologic Technology program advisory committee makes recommendations regarding the design and use of physical facilities.

The Radiologic Technology program advisory committee makes recommendations regarding the selection and maintenance of equipment.

RADIOLOGIC TECHNOLOGY

The Radiologic Technology program advisory committee assists in evaluation of program effectiveness, job development, job placement, program promotion, evaluation in relation to standards, program advocacy, and industrial support of the program.

The Radiologic Technology program advisory committee submits its recommendations regarding program related changes to the appropriate state-level technical committee for review on an annual basis.

The Radiologic Technology program faculty provides documented evidence that program advisory committee recommendations are considered and that specific action is taken on each recommendation.

RADIOLOGIC TECHNOLOGY

ADVISORY COMMITTEE
(Membership)

Standard Statement

The membership of the Radiologic Technology program advisory committee is representative of the community and employment market served by the program.

Explanatory Comment

The Radiologic Technology program advisory committee is composed primarily of persons in the industry served by the program and includes persons within the community and employment market who positively impact the program.

Evaluative Criteria

The faculty of the Radiologic Technology program, in cooperation with the administration of the institution, selects the advisory committee.

The Radiologic Technology program advisory committee includes a cross-section of representatives from program-related businesses and industries.

The Radiologic Technology program advisory committee includes program-related business and industry representatives who have varying occupational positions.

The Radiologic Technology program advisory committee includes faculty as ex officio members.

The Radiologic Technology program advisory committee is composed of a minimum of five members.

The Radiologic Technology program advisory committee maintains a base of experienced members while acquiring new members.

The Radiologic Technology program advisory committee members are recognized for their dedication and effort to improve the quality of education.

RADIOLOGIC TECHNOLOGY

ADVISORY COMMITTEE
(Meetings)

Standard Statement

Radiologic Technology program advisory committee meetings have a planned program of work.

Explanatory Comment

Regularly scheduled formal advisory committee meetings focus on planning, developing, implementing, and evaluating the Radiologic Technology programs.

Evaluative Criteria

The Radiologic Technology program advisory committee has an annual program of work on file.

The Radiologic Technology program advisory committee meets a minimum of two times annually on a scheduled basis.

The Radiologic Technology program advisory committee elects officers, including a chairperson and a secretary.

The Radiologic Technology program advisory committee follows an agenda which is distributed to members prior to each meeting.

The chairperson of the Radiologic Technology program advisory committee assists program faculty in developing the agenda for each meeting.

The Radiologic Technology program advisory committee maintains minutes indicating date, agenda, members present, and recommendations.

Minutes are distributed to each Radiologic Technology program advisory committee member prior to each meeting.

The Radiologic Technology program advisory committee maintains an open file of minutes and other necessary documents for a minimum of three years.

RADIOLOGIC TECHNOLOGY

The Radiologic Technology program advisory committee members are invited to make periodic classroom visits to the institution.

The Radiologic Technology program advisory committee has a quorum present to conduct business.

RADIOLOGIC TECHNOLOGY

SPECIAL NEEDS
(Commitment)

Standard Statement

The Radiologic Technology program is committed to providing technical education to special needs students.

Explanatory Comment

Special needs students are those who are academically and/or economically disadvantaged, are physically and/or mentally handicapped, or are national origin minority students with limited English language skills.

The special needs requirements of the Georgia Board of Technical and Adult Education meet or exceed all relevant local, state, and federal legislation.

Special needs legislation includes, but is not limited to, mandates for auxiliary aids to students, removal of architectural and equipment barriers, and non-restrictive career counseling.

Evaluative Criteria

Special needs policies and operational procedures that comply with current local, state, and federal special needs legislation are implemented in the Radiologic Technology program.

Students who are academically and/or economically disadvantaged are provided special services and assistance to enable them to succeed in the Radiologic Technology program.

Students who have physical and/or mental impairments are provided special services and assistance to enable them to succeed in the Radiologic Technology program.

Students who are national origin minority students with limited English language skills are provided special services and assistance to enable them to succeed in the Radiologic Technology program.

Radiologic Technology program faculty are prepared, through staff development education, to provide assistance for students with special needs.

RADIOLOGIC TECHNOLOGY

All special needs personnel meet Georgia Board of Technical and Adult Education certification requirements.

Course objectives within the Radiologic Technology program are utilized as the basis for developing an Individualized Education Program (IEP) for each handicapped student under 21 years of age enrolled in the program.

RADIOLOGIC TECHNOLOGY

EQUITY
(Commitment)

Standard Statement

The Radiologic Technology program affords equal access and opportunities to all qualified students and staff.

Explanatory Comment

Equal access and equal opportunity refer to the prohibition of discrimination on the basis of race, color, national origin, religion, sex, age, or handicapping condition in educational programs, activities, and employment.

The equal access and equal opportunity requirements of the Georgia Board of Technical and Adult Education meet or exceed all relevant state and federal legislation.

Equal access and equal opportunity legislation includes, but is not limited to, mandates for: equitable admissions practices, counseling, employment, grievance procedures, and leave; nondiscriminatory recruitment and promotional materials; and public notification of nondiscrimination.

Evaluative Criteria

The nondiscrimination commitment of the Radiologic Technology program complies with current Georgia Board of Technical and Adult Education policy and state and federal law.

A written institutional policy that ensures equal access to all qualified students who can safely benefit from instructional services regardless of race, color, national origin, religion, sex, age, or handicapping condition is implemented in the Radiologic Technology program.

RADIOLOGIC TECHNOLOGY

HEALTH AND SAFETY
(Commitment)

Standard Statement

The Radiologic Technology program provides a safe and healthy environment for students and staff.

Explanatory Comment

References for proper health and safety conditions, equipment, practices, and procedures are available in Georgia Board of Technical and Adult Education policy and local, state, and federal law. Emergency and disaster plans, accident reports, and fire drill procedures are outlined in information from the State Fire Marshall's Office, the Civil Defense Division, and the Georgia Department of Human Resources.

Health and safety facility and equipment provisions required by the Georgia Board of Technical and Adult Education meet or exceed appropriate local, state, and federal law.

Evaluative Criteria

The physical facility, furnishings, equipment, supplies, and practices of the Radiologic Technology program meet or exceed appropriate local, state, and federal health and safety standards.

Proper health and safety practices are developed, implemented, and integrated into the Radiologic Technology program.

The Georgia Board of Technical and Adult Education does not discriminate on the basis of age, sex, race, color, religion, national origin, or handicap in its educational programs, activities, or employment policies.